Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended) A tool holder assembly comprising:

a cutting tool including:

a main portion ~~having a first diameter~~;

an end portion ~~having a second diameter and~~ disposed proximate the main portion; and

a fluid passage disposed in the main and end portions;

a tool holder including:

a conduit; and

a counterbore axially aligned with the conduit and adapted to receive the cutting tool; and

an adapter including:

a tool receiving portion configured to receive the end portion;

a body portion disposed proximate the tool receiving portion and adapted to engage the conduit; and

an internal fluid passage defined by the tool receiving and body portions that is adapted to provide a fluid from the conduit to the fluid passage.

2. (original) The tool holder assembly of claim 1 wherein the internal fluid passage further includes a chamfer disposed proximate the tool receiving portion and adapted to direct a fluid to the fluid passage.

3. (original) The tool holder assembly of claim 1 wherein the adapter further comprises a first internal fluid passage disposed in the body portion and second and third internal fluid passages disposed in the tool receiving portion proximate the first internal fluid passage.

4. (original) The tool holder assembly of claim 1 wherein the counterbore further comprises a bottom surface disposed proximate the conduit.

5. (original) The tool holder assembly of claim 4 further comprising a spring disposed between the tool receiving portion and the bottom surface for biasing the adapter against the end portion.

6. (original) The tool holder assembly of claim 1 further comprising a seal disposed between the end portion and the tool receiving portion for inhibiting fluid leakage.

7. (original) A tool holder assembly comprising:

a cutting tool including:

a main portion having a first diameter;

an end portion having a second diameter; and

a fluid passage disposed in the main and end portions;

a tool holder configured to rotate about an axis of rotation including:

a conduit; and

a counterbore adapted to receive the cutting tool and having a bottom surface; and

an adapter including:

a tool receiving portion configured to receive the end portion;

a body portion disposed proximate the tool receiving portion and adapted to engage the conduit; and

an internal fluid passage defined by the tool receiving and body portions that is adapted to provide a fluid from the conduit to the fluid passage; and

a spring configured to bias the adapter against the cutting tool to inhibit fluid leakage.

8. (original) The tool holder assembly of claim 7 wherein the spring is configured to engage the bottom surface and the tool receiving portion.

9. (original) The tool holder assembly of claim 7 wherein the internal fluid passage further includes a chamfer disposed proximate the tool receiving portion and adapted to direct a fluid to the fluid passage.

10. (original) The tool holder assembly of claim 7 wherein the adapter further comprises a first internal fluid passage disposed in the body portion and second and third internal fluid passages disposed in the tool receiving portion proximate the first internal fluid passage.

11. (original) The tool holder assembly of claim 7 further comprising a seal disposed between the end portion and the tool receiving portion for inhibiting fluid leakage.

12. (original) The tool holder assembly of claim 7 wherein the second diameter is configured to flex about the axis of rotation to facilitate insertion of the adapter into the conduit.

13. (original) The tool holder assembly of claim 7 wherein the first diameter is larger than the second diameter.

14. (original) The tool holder assembly of claim 7 wherein the end portion further includes a first fluid passage and the main portion further comprises a plurality of branch fluid passages disposed about the axis of rotation and a chamber disposed proximate the first fluid passage and the plurality of branch fluid passages.

15. (original) The tool holder assembly of claim 14 wherein the chamber has a tapered surface for directing fluid flow from the first fluid passage to the plurality of branch fluid passages.

16. (currently amended) A tool holder assembly comprising:

a cutting tool including:

a main portion having ~~a first diameter and~~ a first fluid passage;

an adapter portion disposed proximate the main portion, the adapter portion having ~~a second diameter and~~ a second fluid passage disposed coaxially with an axis of rotation and connected to the first fluid passage; and

a tool holder including:

a conduit adapted to receive at least a portion of the adapter portion and provide a fluid to the second fluid passage; and

a counterbore axially aligned with the conduit and adapted to receive the cutting tool.

17. (currently amended) The tool holder assembly of claim 16 wherein the main portion has a first diameter, the adapter portion has a second diameter, and the first diameter is greater than the second diameter.

18. (original) The tool holder assembly of claim 16 wherein the adapter portion is configured to flex about the axis of rotation to facilitate insertion of the adapter portion into the conduit.

19. (original) The tool holder assembly of claim 16 wherein the main portion further comprises a plurality of branch fluid passages disposed about the axis of rotation and a chamber disposed proximate the second fluid passage and the plurality of branch fluid passages.

20. (original) The tool holder assembly of claim 19 wherein the chamber has a tapered surface for directing fluid flow from the second fluid passage to the plurality of branch fluid passages.